



Facility Permit No: SLAS-04-08
L & L Environmental Services LLC
Permit to Operate
June 23, 2014
Page 1 of 5

North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

John E. Skvarla, III
Secretary

STATE OF NORTH CAROLINA
DEPARTMENT OF ENVIRONMENT AND NATURAL RESOURCES
DIVISION OF WASTE MANAGEMENT
SOLID WASTE SECTION


**PERMIT TO OPERATE A SEPTAGE LAND
APPLICATION SITE**

L & L Environmental Service LLC
Ronnie & Dayton Oaks
2323 Diggs Road
Wadesboro, NC 28170

is hereby permitted to operate Septage Land and Application Site with permit # **SLAS-04-08** located on SR#1812 in Anson County in approximate position 34.8994° N latitude and -79.9778° E longitude. This site is permitted only for operations that are conducted in accordance with the representations made in the approved application, with all conditions attached to this permit, and with all of the provisions of 15A NCAC 13B.0800 -- Septage Management. Failure to operate as permitted may result in the Department suspending or revoking this permit, initiating action to enjoin the unpermitted operation, imposing administrative penalties, or invoking any other remedy as provided in Chapter 130A, Article 1, Part 2 of the North Carolina General Statutes.

This permit shall be reviewed annually to determine if soil test results and management activities are in compliance with the Septage Management Rules and the conditions of this permit. Modifications, where necessary, shall be made in accordance with rules in effect at the time of review.

Date Issued 6/26/2014


Martin A. Gallagher, Branch Head
Composting & Land Application Branch

1646 Mail Service Center, Raleigh, North Carolina 27699-1646
Telephone 919-707-8200 \ Internet <http://portal.ncdenr.org/web/wm/sw>

CONDITIONS OF OPERATING PERMIT

1. This permit shall become void if the soils fail to adequately assimilate the septage and shall be rescinded unless the site is maintained and operated in a manner which will protect the assigned water quality standards both surface and ground waters.
2. This site shall be operated and maintained in accordance with the nutrient management plan submitted by Ronnie and Dayton Oaks and approved by the Division of Waste Management. **The 17.1-acre site is divided into two fields known as Field 1 (10.6 acres) and Field 2 (6.5 acres).** The mandatory 30-day waiting period between the last application of septage and the harvest or grazing of each crop shall be maintained by rotating between the two disposal fields and other pasture land available for the cattle. All discharges shall be at locations on the site consistent with the crop rotation in the approved plan. **Field 1 is currently inactive.**
3. This site shall be operated and maintained in accordance with the erosion and runoff control plan submitted by Ronnie & Dayton Oaks in such a manner as to prevent the migration of wastes off of the designated waste receiving site. Vegetative buffers in fescue are established around the drainage ways and wooded areas around the field perimeters should suffice to prevent septage waste from migrating off of the fields. Any site improvements noted in the plan must be installed within 30 days of plan approval. The installation of groundwater monitoring wells shall be required as deemed necessary by the Division.
4. The issuance of this permit does not preclude the Permittee from complying with any and all statutes, rules, regulations, or ordinances that may be imposed by other local, state, and federal government agencies which have jurisdiction. It is the responsibility of the Permittee to be in compliance with the Federal Regulations listed in the Code of Federal Regulations, 40 CFR Part 503.
5. This permit may be modified or reissued at any time to incorporate any conditions, limitations and/or monitoring requirements the Division deems necessary to adequately protect the environment and public health.

6. **This site is only permitted for the land application of domestic septage (including portable toilet waste) and grease trap pumpings.** Domestic septage pH shall be raised to 12 or higher by alkali addition and, without the addition of additional alkali, shall remain at 12 or higher for 30 minutes prior to land application. Grease septage or grease septage mixed with domestic septage shall be raised to pH 12 or higher by alkali addition and, without the addition of additional alkali, shall remain at 12 or higher for 2 hours prior to land application. **The land application of commercial/industrial septage shall only occur after a waste analysis has been performed and approval has been granted by the Division.**
7. **This site contains approximately 17.1 acres that are available for land application of septage.** The maximum annual application rate shall be 50,000 gallons per acre per year. At this application rate, a maximum annual volume of 855,000 gallons may be applied to this site. **However, at this time Field 1 (10.6 acres) is inactive and not available for land application. Therefore only Field 2 (6.5 acres) is available for land application and the total maximum annual application rate is 325,000 gallons.** This application rate assumes equal septage distribution, on an annual basis, over the permitted area. Monthly septage applications shall not exceed the monthly relative application rates given in the approved nutrient management plan for the site. **No land application may occur on Field 1 until the Division has inspected the site and found it to be in compliance with all permit conditions and the approved nutrient management plan.**
8. An approved above ground septage detention system with a minimum design capacity of 16,442 gallons shall be available prior to operation of this site unless an approved wastewater treatment plant is available for use during periods of adverse weather. The storage capacity may be adjusted if it is demonstrated during the operation of the site that this volume of storage is inappropriate.
9. Only the area designated on the attached site map(s) shall be utilized for septage disposal. Each load of septage discharged at the site shall be distributed from a moving vehicle in such a manner that there is no standing water when the discharge is complete.
10. Septage shall not be applied during any precipitation event, or if there is standing water on the soil surface, if the soil surface is frozen, or if the soil surface is snow covered. The Permittee shall consider pending weather conditions when making the decision to land apply in order to prevent any discharge of septage outside of the permitted boundary.

11. Septage shall not be applied during periods of high soil moisture. Septage applications that will result in ruts greater than three inches in the soil surface are prohibited.
12. Any discharge of septage outside of the permitted boundaries via runoff, aerial drift, etc. is prohibited.
13. This permit shall become voidable unless the land application activities are carried out in accordance with the conditions of this permit and in the manner approved by this Division. No one other than the Permittee or an employee of the firm named in this permit shall discharge septage at this site without prior appropriate notification and written approval from the Division.
14. Prior to any transfer of this land, a notice shall be given to the new owner that gives full details of the materials applied or incorporated at this site. The Division shall be notified prior to site closure. This permit is non-transferable.
15. **This permit shall expire on June 26, 2019.** Modifications, when necessary, shall be made in accordance with the rules in effect at the time of renewal. An application for permit renewal shall be submitted at least ninety (90) days prior to the permit renewal date. A septage application log for the period of time this permit was valid shall be submitted along with an application for permit renewal or modification. The information required in the log is described in Rule 15A NCAC 13B .0838 (e)(1) of the NC Septage Management Rules and the Code of Federal Regulations, 40 CFR Part 503.17 (b).
16. Records shall be kept in accordance with 40 CFR 503.17(b). These records shall be made available to a representative of the Division upon request.
17. Any duly authorized officer, employee, or representative of the Division may, upon presentation of credentials, enter and inspect any property, premises, or place on or related to the disposal site and facility at any reasonable time for the purpose of determining compliance with this permit; may inspect or copy any records that must be kept under the conditions of this permit; or may obtain samples of groundwater, surface water, or leachate.
18. Field separations in the nutrient management plan and all pertinent setbacks shall be clearly located on the site. Boundaries of the permitted septage land application fields shall be clearly marked on the ground.

19. The areas that can be used for land application of septage shall be maintained at least 500 feet from any existing wells, residences, places of business, or places of public assembly. Septage shall not be disposed of within 50 feet of any property line, within 100 feet of any ditch or within 200 feet of any surface water unless specified otherwise.



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

John E. Skvarla, III
Secretary

June 26, 2014

Ronnie & Dayton Oaks
L & L Environmental Service LLC
2323 Diggs Road
Wadesboro, NC 28170

RE: **SLAS permit renewal**
L & L Environmental Service LLC
SLAS-04-08
SR#1812 in Anson County

Dear Messrs. Oaks:

The NC Division of Waste Management has reviewed your application to renew a Septage Land Application Site permit in Anson County. Your application has been approved and your permit, # **SLAS-04-08**, is enclosed. If you have any questions about your permit, we'll need the number in order to answer your questions. **Please note that Field 1 is currently inactive and the reduced application rate is reflected in Permit Condition 7.**

Please read all of your permit conditions carefully. Your nutrient management and soil erosion and runoff control plans have been included in your permit's conditions. In particular, review Permit Condition 15, which states that you will need to submit septage application logs for your site in order to renew your permit. These logs need to cover the entire time your current permit is valid. For details on the information you should include, consult the NC Septage Management Rule 15A NCAC 13B .0838(e)(1) and the Federal register's 40CFR Part 503.17(b). This permit condition also states that this permit is valid until June 26, 2019. If you have any questions, please ask for assistance as rule violations could expose you to administrative penalties.

Please note that to land apply industrial or commercial septage at a permitted septage disposal site you must have **prior approval** from the NC Division of Waste Management. The waste must be sampled prior to being removed from the system. Generally, the Division will request that you have a waste analysis run on septage from each commercial or industrial septage generator before that type of septage is approved for land application.

Use of a land application site or septage detention or treatment facility that is not permitted may result in administrative penalties up to \$15,000 per violation in accordance with NC General Statute 130A-22.

If you have any questions, please contact me at (910) 433-3352 or Martin Gallagher at (919) 707-8280.

Sincerely,

Connie S. Wyllie, Soil Scientist
Division of Waste Management, NCDENR

Enclosures

cc: Patsy Oaks, Landowner
Anson County Health Department

APPLICATION FOR A PERMIT TO OPERATE A SEPTAGE LAND APPLICATION SITE

North Carolina Department of Environment and Natural Resources
Division of Waste Management – Solid Waste Section
1646 Mail Service Center, Raleigh, NC 27699-1646

RECEIVED
NOV - 6 2013

DIVISION OF WASTE MANAGEMENT
FAYETTEVILLE REGIONAL OFFICE

I. Site and Operator Information

1. Applicant L+L ENVIRONMENTAL SERVICE LLC
Address 2323 Biggs Rd.
WADESBORO N.C. 28170
Phone 704 848-8801 CELL 704 294-0230

2. Contact person for site operation (if different from applicant): RONNIE OAKS
Title or position MANAGER Phone 704 848-8801
Address 2323 Biggs Rd
WADESBORO N.C. 28170

3. Landowner RONNIE OAKS
Address 2323 Biggs Rd
WADESBORO N.C.

4. Site Location: County ANSON State Road Number 1812
Directions to site: WADESBORO N.C. TAKE HWY 52 South
5 MILES TURN LEFT HOLLYWOOD RD go to dead end

5. Indicate whether request is: new _____ renewal ☒ modification _____

For a permit renewal or modification, provide the following information:

Existing site permit number: SLAS 0406 permit expiration date: 2-14-2014

6. Number of acres meeting the requirements of the N.C. Septage Management Rules: 17.01 acres.

7. Substances other than septage or grease trap pumpings previously disposed of on the site:
(a) None ☒, or (b) Attach a list indicating other substances, the amounts discharged, and the dates of discharge.

8. Attach written, notarized landowner authorization to operate a septage disposal site signed by the landowner (if the permit applicant does not own the property). **If a corporation owns the land use a corporate landowner authorization form. If limited liability company owns the land, use a limited liability company landowner authorization form.** ON FILE Copy ENCLOSED
Good UNTIL 12-01-2030

9. Attach site evaluation report, including aerial photograph and soil analysis with metals results, unless the Division prepared the report. ON FILE

10. Attach a vicinity map (county road map showing site location).

ON FILE

(over)

II. Site Management Information:

The following information shall be included with the application form:

1. Nutrient Management Plan ENCLOSED
2. Soil Erosion and Runoff Control Plan ENCLOSED
3. Alternative plan for disposal (detention facility permit number or wastewater treatment plant authorization): SDTF 04-06 SITE 04-08 Rtd 11-8-13
4. Types of septage proposed to be discharged at the site (check all that apply):
 - (a) Domestic septage pumped from septic tanks ✓
 - (b) Grease trap pumpings ✓
 - (c) Portable toilet waste ✓
 - (d) Commercial / Industrial septage ✓
5. Proposed treatment method of each type of septage to be land applied (use additional paper to explain if necessary): ADD HYDRATED LIME AIR ELEVATION TO RAISE PH TO 12 FOR SEPTIC + RELEASE SEPTIC FOR 2 HRS BEFORE LAND APPLICATION. ALL SEPTIC WILL BE PH OF 12 OR HIGHER WHEN LAND APPLIED
6. Proposed method of applying septage to land, including septage distribution plan if required * (use additional paper to explain if necessary): USE VACUUM PUMP TRUCK WITH PRESSURE TO APPLY EVENLY ACROSS LAND WHEN TRUCK IS IN MOTION
7. Demonstration from the appropriate state or federal government agency that the land application site complies with the Endangered Species Law ** or if any part of the site specified is not agricultural land (use additional paper to explain if necessary): FARM SITE IS ALL AGRICULTURAL LAND

III. Certification

I hereby certify that:

1. The information provided on this application is true, complete, and correct to the best of my knowledge.
2. I have read and understand the N.C. Septage Management Rules, and
3. I am aware of the potential consequences, including penalties and permit revocation, for failing to follow all applicable rules and the conditions of a Septage Land Application Site permit.

Ronnie Oaks

Dayton W. Oaks

RONNIE OAKS

Dayton W. Oaks

Signature***
Print name

10-25-2013

10-25-2013

manager

manager

Date

Title

Note: This application will not be reviewed until all parts of the application are complete.

* Refer to Section .0837(e) of the N.C. Septage Management Rules.

** Refer to Section .0837(g) of the N.C. Septage Management Rules.

***Signature of company official required.

Landowner's Authorization to Operate a Septage Land Application Site

North Carolina Department of Environment and Natural Resources
Division of Waste Management - Solid Waste Section
401 Oberlin Rd, Ste. 150, Raleigh, N.C. 27605

I, RONNIE OAKS (name of site owner) hereby certify that I am the owner of
512 acres of land located 2323 Diggs Rd WADESBORO N.C.
and identified by BOOK# 450 PAGE# 0198 (book and page of recorded deed
or tax map parcel) and that I agree to allow RONNIE OAKS & PATSY OAKS (name of site
operator) to use said land for septage land application for a period of 20 years (length
of time), beginning 12-01-2010 (month, day and year) and that I have read the
North Carolina Septage Management Rules *, and I understand and agree to maintain the restrictions on
land use after septage land application ends **. I further understand that no septage may be land applied
until the Division of Waste Management has issued a permit for a septage land application site. The above
described property is owned solely by me or jointly with PATSY OAKS
_____. (names of all co-owners, or state none).

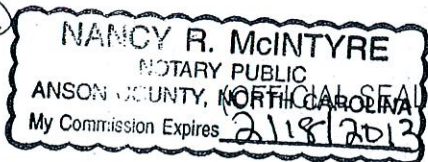
Signature of landowner Ronnie Oaks Date 12-01-2010

Signature of landowner Patsy Oaks Date 12.01.2010

Sworn to and subscribed before me this 15th day of December, 2010.

Nancy R. McIntyre
(Notary Public)

My Commission expires: 2/18/2013



* 15A N.C. Admin. Code 13B Section .0800

** As required by Rule .0826

RECEIVED

FEB - 4 2014

DENR - FAYETTEVILLE REGIONAL OFFICE

L & L ENVIRONMENTAL SERVICES, LLC.

PO BOX 19491

CHARLOTTE, N.C. 28219-9491

O: 704-332-0911 - Fax: 704-848-4221

llenviro@att.net



2/1/14

N.C.D.E.N.R.

225 Green Street

Suite 714

Fayetteville, N.C. 28301-5043

ref: Remove temporally from services septic land application site Wadesboro, NC, Anson Co., permit # SLAS 04-08 - Field # 1 – 10.6 acres.

Ms. Wylie;

Please place field # 1 – 10.6 acres out of service temporally. We will not land apply any septic or grease septic on this field.

We are planning on using our de-watering box in Charlotte, NC for all our grease and septic waste and transporting our solids to our compost facilities in Anson Co. We are going to row crop field # 1 temporally.

Thank You,

Ronnie Oaks

A handwritten signature in cursive script that reads "Ronnie Oaks".

If you cannot remove field # 1 temporally please let me know.

NUTRIENT MANAGEMENT PLAN FOR SEPTAGE APPLICATION TO FESCUE ON OAKS FARM

1. Field # 1 contains approximately 6.49 acres and Field # 2 contains approximately 10.6 acres.

Fields will be rotational grazed/*harvested*

2. The dominant soil series at this site is Cecil/Pacolet.

3. Septage will not be applied where the site is untrafficable, where depression from a loaded truck is greater than 3 inches.

4. Fields # 1 & # 2 are established with fescue. Both fields will receive recommended rates of septage.

5. Relative application rates for both fields.

January	Low
February	Medium
March	High
April	High
May	Medium
June	Low
July	Low
August	Low
September	Medium
October	Medium
November	Medium
December	Low

None = 0 gals. Low = 5,000 gals. Medium = 10,000 gals. High = 15,000 gals.

Note: Cumulative application rate is not to exceed the permitted application rate.

Annual application rate is not to exceed 50,000 gallons per acre.

6. The two fields will be grazed in a 2 field rotation and a 30 day waiting period after the last application on each field before cattle is grazed on that field. *Other acreage available for cattle.*

L & L ENVIRONMENTAL SERVICES, LLC.

NITROGEN NEEDS FOR CROPS

1. R.Y.E. = Realistic Yield Expectations

N App. Rate + Suggested N application rate based on R.Y.E. for soil type.

2. Fields # 1 & # 2

Crop (grazed)	R.Y.E.	N App. Rate	Reduction Factor		lbs N/Acre
Tall Fescue	4.0 tons	45 lbs N	0.75	=	135

- (Source: Soil Facts Nutrient Removal by crops in North Carolina).

3. Annual soil samples will be pulled by NC Dept. of Environment and Natural Resources.

SOIL EROSION AND RUN-OFF CONTROL PLAN

1. Fields # 1 & # 2 has a wooded buffer established around the perimeter of the area, that should be sufficient to prevent Septage waste from migrating off of the fields.

Submitted by:

Donnie Oaks
Dayton W. Oaks

Date:

10-25-2013
10-25-2013

ATTACHMENT TO NUTRIENT MANAGEMENT PLAN

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MAY 19 2014

DIVISION OF WASTE MANAGEMENT
FAYETTEVILLE REGIONAL OFFICE

* Areas that develop with less than 80 % groundcover by fescue will be re-seeded with fescue at a rate of 25 lbs/acre drilled (seeding method) in Sept (month).

Weed Control

Weed control may be needed in order to maintain 80% groundcover and to produce the realistic yield expectations for the approved cropstand. Weed control can be obtained through different methods (mowing or herbicides) or a combination of methods. For specific recommendations, proper identification of the weed or weeds is necessary. The local cooperative extension agent or regional agronomist may be contacted for advice.

* Ronnie Oaks

Signature

* 5-14-14

Date

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JUL 09 2014DIVISION OF WASTE MANAGEMENT
FAYETTEVILLE REGIONAL OFFICE**AMENDMENT TO NUTRIENT MANAGEMENT PLAN**

1. If the fescue is harvested (instead of grazed) it will be cut and baled whenever it reaches approximately 12 inches in height or just before seedhead emergence. This will take place in late May and again in September or October. At least two fescue harvests will be made each year. The 30 day waiting period will be observed between the last application of septage and harvest. The hay will be used for livestock feed.

Donnie Oaks

Signature

6-23-14

Date

34.8994° N latitude

-79.9778° E longitude

